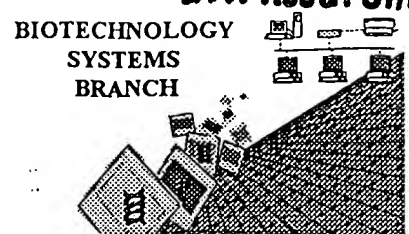


T. Holland

Re-run

DT17 Rec'd PCT/PTO 1/6/03 14 FEB 2003



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/830,320
Source: PT/09 RUSA
Date Processed by STIC: 8/29/2002

RECEIVED
FEB 14 2003
TC 2800 MAIL ROOM

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT09

RAW SEQUENCE LISTING

DATE: 08/29/2002

PATENT APPLICATION: US/09/830,320

TIME: 14:41:27

Input Set : A:\pf0627usn_seqlist.txt

Output Set: N:\CRF3\08292002\I830320.raw

Does Not Comply
Corrected Diskette Needed

pp 1, 6

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 TANG, Y. Tom
 6 YUE, Henry
 7 HILLMAN, Jennifer L.
 8 CORLEY, Neil C.
 9 GUEGLER, Karl J.
 10 BAUGHN, Mariah R.
 11 AU-YOUNG, Janice
 13 <120> TITLE OF INVENTION: GROWTH FACTOR RELATED MOLECULES
 15 <130> FILE REFERENCE: PF-0627 PCT
 17 <140> CURRENT APPLICATION NUMBER: US/09/830,320
 18 <141> CURRENT FILING DATE: 2002-08-29
 20 <150> PRIOR APPLICATION NUMBER: 09/181,711; unassigned; 09/209,547; unassigned;
 09/313,457;
 W--> 21 unassigned
 W--> 22 <151> PRIOR FILING DATE: 1998-10-28; 1998-10-28; 1998-12-11; 1998-12-11; 1999-05-17;
 W--> 23 1999-05-17
 25 <160> NUMBER OF SEQ ID NOS: 12
 27 <170> SOFTWARE: PERL Program
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 125
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Homo sapiens
 34 <220> FEATURE:
 35 <221> NAME/KEY: misc_feature
 36 <223> OTHER INFORMATION: Incyte ID No.: 2777282CD1
 38 <400> SEQUENCE: 1
 39 Met Arg Gly Thr Arg Leu Ala Leu Leu Ala Leu Val Leu Ala Ala
 40 1 5 10 15
 41 Cys Gly Glu Leu Ala Pro Ala Leu Arg Cys Tyr Val Cys Pro Glu
 42 20 25 30
 43 Pro Thr Gly Val Ser Asp Cys Val Thr Ile Ala Thr Cys Thr Thr
 44 35 40 45
 45 Asn Glu Thr Met Cys Lys Thr Thr Leu Tyr Ser Arg Glu Ile Val
 46 50 55 60
 47 Tyr Pro Phe Gln Gly Asp Ser Thr Val Thr Lys Ser Cys Ala Ser
 48 65 70 75
 49 Lys Cys Lys Pro Ser Asp Val Asp Gly Ile Gly Gln Thr Leu Pro
 50 80 85 90
 51 Val Ser Cys Cys Asn Thr Glu Leu Cys Asn Val Asp Gly Ala Pro
 52 95 100 105
 53 Ala Leu Asn Ser Leu His Cys Gly Ala Leu Thr Leu Leu Pro Leu
 54 110 115 120
 55 Leu Ser Leu Arg Leu

place each prior
application number
directly above its
filing date.
(do not group
numbers and
filing dates
separately)

RAW SEQUENCE LISTING

DATE: 08/29/2002

PATENT APPLICATION: US/09/830,320

TIME: 14:41:27

Input Set : A:\pf0627usn_seqlist.txt

Output Set: N:\CRF3\08292002\I830320.raw

```

56          125
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 127
61 <212> TYPE: PRT
62 <213> ORGANISM: Homo sapiens
64 <220> FEATURE:
65 <221> NAME/KEY: misc_feature
66 <223> OTHER INFORMATION: Incyte ID No.: 4185824CD1
68 <400> SEQUENCE: 2
69 Met Gln Gln Arg Gly Leu Ala Ile Val Ala Leu Ala Val Cys Ala
70   1          5          10          15
71 Ala Leu His Ala Ser Glu Ala Ile Leu Pro Ile Ala Ser Ser Cys
72          20          25          30
73 Cys Thr Glu Val Ser His His Ile Ser Arg Arg Leu Leu Glu Arg
74          35          40          45
75 Val Asn Met Cys Arg Ile Gln Arg Ala Asp Gly Asp Cys Asp Leu
76          50          55          60
77 Ala Ala Val Ile Leu His Val Lys Arg Arg Arg Ile Cys Val Ser
78          65          70          75
79 Pro His Asn His Thr Val Lys Gln Trp Met Lys Val Gln Ala Ala
80          80          85          90
81 Lys Lys Asn Gly Lys Gly Asn Val Cys His Arg Lys Lys His His
82          95          100          105
83 Gly Lys Arg Asp Ser Asn Arg Ala His Gln Gly Lys His Glu Thr
84          110          115          120
85 Tyr Gly His Lys Thr Pro Tyr
86          125
89 <210> SEQ ID NO: 3
90 <211> LENGTH: 147
91 <212> TYPE: PRT
92 <213> ORGANISM: Homo sapiens
94 <220> FEATURE:
95 <221> NAME/KEY: misc_feature
96 <223> OTHER INFORMATION: Incyte ID No.: 2484440CD1
98 <400> SEQUENCE: 3
99 Met Glu Arg Gly Ala His Gly Gly Ala Gly Gly Cys Leu Cys Leu
100  1          5          10          15
101 Leu Pro Glu Gly Phe Arg Ile Leu Gly Val Lys Gly Gly Ser Trp
102          20          25          30
103 Gly Gln Glu Pro Cys Gly Val Leu Ser Glu Met Ser Pro Glu Ala
104          35          40          45
105 Ser Pro Gly Thr Arg Pro Ala Glu Ser Cys Glu His Val Val Cys
106          50          55          60
107 Pro Arg Pro Gln Ser Cys Val Val Asp Gln Thr Gly Ser Ala His
108          65          70          75
109 Cys Val Val Cys Arg Ala Ala Pro Cys Pro Val Pro Ser Ser Pro
110          80          85          90
111 Gly Gln Glu Leu Cys Gly Asn Asn Asn Val Thr Tyr Ile Ser Ser
112          95          100          105

```

RAW SEQUENCE LISTING

DATE: 08/29/2002

PATENT APPLICATION: US/09/830,320

TIME: 14:41:27

Input Set : A:\pf0627usn_seqlist.txt

Output Set: N:\CRF3\08292002\I830320.raw

```

113 Cys His Met Arg Gln Ala Thr Cys Phe Leu Gly Arg Ser Ile Gly
114           110           115           120
115 Val Arg His Ala Gly Ser Cys Ala Gly Thr Pro Glu Glu Pro Pro
116           125           130           135
117 Gly Gly Glu Ser Ala Glu Glu Glu Glu Asn Phe Val
118           140           145
121 <210> SEQ ID NO: 4
122 <211> LENGTH: 345
123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <223> OTHER INFORMATION: Incyte ID No.: 4163378CD1
130 <400> SEQUENCE: 4
131 Met Ser Leu Phe Gly Leu Leu Leu Leu Thr Ser Ala Leu Ala Gly
132   1           5           10           15
133 Gln Arg Gln Gly Thr Gln Ala Glu Ser Asn Leu Ser Ser Lys Phe
134           20           25           30
135 Gln Phe Ser Ser Asn Lys Glu Gln Tyr Gly Val Gln Asp Pro Gln
136           35           40           45
137 His Glu Arg Ile Ile Thr Val Ser Thr Asn Gly Ser Ile His Ser
138           50           55           60
139 Pro Arg Phe Pro His Thr Tyr Pro Arg Asn Thr Val Leu Val Trp
140           65           70           75
141 Arg Leu Val Ala Val Glu Glu Asn Val Trp Ile Gln Leu Thr Phe
142           80           85           90
143 Asp Glu Arg Phe Gly Leu Glu Asp Pro Glu Asp Asp Ile Cys Lys
144           95          100          105
145 Tyr Asp Phe Val Glu Val Glu Glu Pro Ser Asp Gly Thr Ile Leu
146          110          115          120
147 Gly Arg Trp Cys Gly Ser Gly Thr Val Pro Gly Lys Gln Ile Ser
148          125          130          135
149 Lys Gly Asn Gln Ile Arg Ile Arg Phe Val Ser Asp Glu Tyr Phe
150          140          145          150
151 Pro Ser Glu Pro Gly Phe Cys Ile His Tyr Asn Ile Val Met Pro
152          155          160          165
153 Gln Phe Thr Glu Ala Val Ser Pro Ser Val Leu Pro Pro Ser Ala
154          170          175          180
155 Leu Pro Leu Asp Leu Leu Asn Asn Ala Ile Thr Ala Phe Ser Thr
156          185          190          195
157 Leu Glu Asp Leu Ile Arg Tyr Leu Glu Pro Glu Arg Trp Gln Leu
158          200          205          210
159 Asp Leu Glu Asp Leu Tyr Arg Pro Thr Trp Gln Leu Leu Gly Lys
160          215          220          225
161 Ala Phe Val Phe Gly Arg Lys Ser Arg Val Val Asp Leu Asn Leu
162          230          235          240
163 Leu Thr Glu Glu Val Arg Leu Tyr Ser Cys Thr Pro Arg Asn Phe
164          245          250          255
165 Ser Val Ser Ile Arg Glu Glu Leu Lys Arg Thr Asp Thr Ile Phe

```

RAW SEQUENCE LISTING

DATE: 08/29/2002

PATENT APPLICATION: US/09/830,320

TIME: 14:41:27

Input Set : A:\pf0627usn_seqlist.txt

Output Set: N:\CRF3\08292002\I830320.raw

```

166          260          265          270
167 Trp Pro Gly Cys Leu Leu Val Lys Arg Cys Gly Gly Asn Cys Ala
168          275          280          285
169 Cys Cys Leu His Asn Cys Asn Glu Cys Gln Cys Val Pro Ser Lys
170          290          295          300
171 Val Thr Lys Lys Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr
172          305          310          315
173 Gly Val Arg Gly Leu His Lys Ser Leu Thr Asp Val Ala Leu Glu
174          320          325          330
175 His His Glu Glu Cys Asp Cys Val Cys Arg Gly Ser Thr Gly Gly
176          335          340          345
180 <210> SEQ ID NO: 5
181 <211> LENGTH: 525
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapiens
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <223> OTHER INFORMATION: Incyte ID No.: 2777282CB1
189 <400> SEQUENCE: 5
190 ccagtctgtc gccacctcac ttggtgtctg ctgtccccgc caggcaagcc tgggggtgaga 60
191 gcacagagga gtgggcccgg accatgcggg ggacgcggct ggcgctcctg gcgctgggtgc 120
192 tggctgcttg cggagagctg gcgcggcccc tgcgtgcta cgtctgtccg gagcccacag 180
193 gagtgtcgga ctgtgtcacc atcgccacct gcaccaccaa cgaaaccatg tgcaagacca 240
194 cactctactc ccgggagata gtgtaccctt tccaggggga ctccacggtg accaagtcct 300
195 gtgccagcaa gtgtaagccc tcggatgtgg atggcatcgg ccagaccctg cccgtgtcct 360
196 gctgcaatac tgagctgtgc aatgtagacg gggcgcccgc tctgaacagc ctccactgcg 420
197 gggccctcac gctctccca ctcttgagcc tccgactgta gagtccccgc ccacccccat 480
198 ggccctatgc ggcccagccc cgaatgcctt gaagaagtcc ccccg 525
200 <210> SEQ ID NO: 6
201 <211> LENGTH: 566
202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapiens
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <223> OTHER INFORMATION: Incyte ID No.: 4185824CB1
209 <400> SEQUENCE: 6
210 tcgaacagcc tcacttgtgt tgctgtcagt gccagtaggg caggcaggaa tgcagcagag 60
211 aggactcgcc atcgtggcct tggtgtctg tgcggcccta catgcctcag aagccatact 120
212 tccattgcc tccagctgtt gcacggaggt ttcacatcat attccagaa ggctcctgga 180
213 aagagtgaat atgtgtcgca tccagagagc tgatgggat tgtgacttgg ctgctgtcat 240
214 ccttcattgc aagcgcagaa gaatctgtgt cagcccgcac aaccatactg ttaagcagt 300
215 gatgaaagtg caagctgcca agaaaaatgg taaaggaaat gtttgccaca ggaagaaaca 360
216 ccatggcaag agggacagta acagggcaca tcaggggaaa cacgaaacat acggccataa 420
217 aactccttat taggagagtc taccggtaaa tccttccgag accattccct caagtggact 480
218 ttggccctgg attgggtgta agttttatca tcctgaattc tcccctaatag ttggggccacc 540
219 ggaccaaacc caaatatttg gttttt 566
221 <210> SEQ ID NO: 7
222 <211> LENGTH: 2246
223 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 08/29/2002

PATENT APPLICATION: US/09/830,320

TIME: 14:41:27

Input Set : A:\pf0627usn_seqlist.txt

Output Set: N:\CRF3\08292002\I830320.raw

224 <213> ORGANISM: Homo sapiens

226 <220> FEATURE:

227 <221> NAME/KEY: misc_feature

228 <223> OTHER INFORMATION: Incyte ID No.: 2484440CB1

230 <400> SEQUENCE: 7

```

231 aggggagggg ctttgggtag cataaggggc aggagctcac gaaagaggtg tggctcctgg 60
232 gtacaatggg aagggcaggg cttgtgggtg gagcctgagg ggtggaatgg agaggggggc 120
233 tcacgggggg gcgggggggt gcttgtgtct cctaccagag ggttttcgca tcttgggggt 180
234 taagggtggg tcttggggcc aagagccctg cgggggtctc agcgagatgt cccctgaagc 240
235 ttcccttggc acccgccctg cagagtcctg tgagcacgtg gtgtgcccgc ggccacagtc 300
236 gtgcgtcgtg gaccagacgg gcagcgccca ctgcgtgggt tgcgagcgg cgccctgccc 360
237 tgtgccctcc agccccggcc aggagctttg cggcaacaac aacgtcacct acatctcctc 420
238 gtgccacatg cgccaggcca cctgcttcct gggccgctcc atcggcgtgc gccacgctgg 480
239 cagctgcgca ggcacccctg aggagccgcc aggtggtgag tctgcagaag aggaagagaa 540
240 cttcgtgtga gcctgcagga caggcctggg cctggtgccc gagggccccc atcatccctc 600
241 gttattttatt gccacagcag agtctaattt atatgccacg gacactcctt agagcccggg 660
242 ttcggaaccac ttggggatcc cagaacctcc ctgacgatat cctggaagga ctgaggaagg 720
243 gaggcctggg ggccggctgg tgggtgggat agacctgcgt tccggacact gagcgctga 780
244 tttaggggccc ttctctagga tgcccagcc cctaccctaa gacctattgc cggggaggat 840
245 tccacacttc cgctcctttg gggataaacc tattaattat tgctactatc aagagggtcg 900
246 ggcattctct cctggtaatt cctgaagagg catgactgct ttctcagcc ccaagcctct 960
247 agtctgggtg tgtacggagg gtctagcctg ggtgtgtacg gagggctctag cctgggtgag 1020
248 tacggagggt ctagcctggg tgagtacgga ggtctagcc tgggtgagta cggagagtct 1080
249 agcctgggtg tgtatggagg atctagcctg ggtgagtatg gagggctctag cctgggtgag 1140
250 tatggagggt ctagcctggg tgtgtatgga ggtctagcc tgggtgagta tggagggtct 1200
251 agcctgggtg tgtatggagg gtctagcctg ggtgagtatg gagggctctag cctgggtgtg 1260
252 tacggagggt ctagtctgag tgcgtgtggg gacctcagaa cactgtgacc ttagccagc 1320
253 aagccaggcc cttcatgaag gccaaagaag ctgccaccat tccctgccag cccaagaact 1380
254 ccagcttccc cactgcctct gtgtgcccct ttgcgtcctg tgaaggccat tgagaaatgc 1440
255 ccagtgtgcc ccctgggaaa gggcacggcc tgtgctcctg acacgggctg tgcttggcca 1500
256 cagaaccacc cagcgtctcc cctgctgctg tccacgtcag ttcattgaggc aacgtcgcgt 1560
257 ggtctcagac gtggagcagc cagcggcagc tcagagcagg gcactgtgtc cggcggagcc 1620
258 aagtccactc tgggggagct ctggcgggga ccacgggcca ctgctcacc actggccccg 1680
259 aggggggtgt agacgccaag actcacgcat gtgtgacatc cggagtctct gagccgggtg 1740
260 tcccagtggc accactaggt gcctgctgcc tccacagtgg ggttcacacc cagggtcct 1800
261 tggccccca caacctgccc cggccaggcc tgcagaccga gactccagcc agacctgct 1860
262 caccaccaa tgcagccggg gctggcgaca ccagccaggt gctggtcttg ggccagttct 1920
263 cccacgacgg ctcaccctcc cctccatctg cgttgatgct cagaatcgcc tacctgtgcc 1980
264 tgcgtgtaaa ccacagcctc agaccagcta tggggagagg acaacacgga ggatatccag 2040
265 cttccccggt ctgggtgag gagtgtgggg agcttgggca tccctcctca gcctcctca 2100
266 gccccaggc agtgccctac ctgtgtgcc cagaaaagt cccctaggtt ggtgggtcta 2160
267 caggagcctc agccaggcag cccacccac cctggggccc tgcctacca aggaataaaa 2220
268 gactcaaaga agcaaaaaa aaaaaa 2246

```

270 <210> SEQ ID NO: 8

271 <211> LENGTH: 2779

272 <212> TYPE: DNA

273 <213> ORGANISM: Homo sapiens

275 <220> FEATURE:

276 <221> NAME/KEY: misc_feature

09/830,320 6

<210> 9
<211> 103
<212> PRT
<213> Homo sapiens

<300>

<308> Genbank ID No.: g1536902

<3097> ← insert this numeric identifier and its response

<400> 9

(Mandatory)

wherever <308> has
a response

same error in Segs 10-12

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/830,320

DATE: 08/29/2002
TIME: 14:41:28

Input Set : A:\pf0627usn_seqlist.txt
Output Set: N:\CRF3\08292002\I830320.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 22

.ATL

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,320

DATE: 08/29/2002

TIME: 14:41:28

Input Set : A:\pf0627usn_seqlist.txt

Output Set: N:\CRF3\08292002\I830320.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:21 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:22 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:23 M:259 W: Allowed number of lines exceeded, <151> PRIOR FILING DATE:
L:338 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:9
L:363 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:10
L:394 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:11
L:451 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:12